

I claim:

1. A injection plug assembly for insertion into a wall structure to permit safe access to and wide distribution of a fluid spray into said wall structure, said assembly comprising:
 - an elongated outer sleeve arranged to pinch any thickness wall structure; and
 - an elongated delivery bolt arranged to be received through said outer sleeve, said elongated bolt having a generally radially directed fluid distribution channel therein.
2. The injection plug assembly as recited in claim 1, wherein said elongated delivery bolt has a bore arranged therethrough for delivery of fluid therefrom.
3. The injection plug assembly as recited in claim 2, wherein said elongated delivery bolt has a cap on a distalmost end thereof.
4. The injection plug assembly as recited in claim 3, wherein said cap is removable.

5. The injection plug assembly as recited in claim 3, wherein said bolt has a plurality of radially directed openings on its distalmost end to permit sideways directed fluid discharge therefrom.
6. The injection plug assembly as recited in claim 1, wherein said elongated sleeve has a circumferential array of longitudinally directed pairs of fingers therearound, to permit said pinching of said assembly to a wall structure.
7. The injection plug assembly as recited in claim 1, wherein a slot is arranged in a proximal end of said sleeve between circumferentially adjacent fingers, to permit adaptability of said assembly to any thickness wall during an attachment process.
8. The injection plug assembly as recited in claim 6, wherein said pairs of fingers have a bendable knuckle therebetween.
9. The injection plug assembly as recited in claim 8, wherein of said fingers in said pairs of fingers are arranged to collapse on one another when an elongated bolt is threaded through said sleeve.

10. The injection plug assembly as recited in claim 8, wherein said elongated bolt has a proximal end with an enlarged head thereon, said bolt and said sleeve pinching a wall between said enlarged head on said bolt and said fingers as said fingers are bent.
11. The injection plug assembly as recited in claim 10, including a removable cap which is insertable into said enlarged head on said proximal end of said bolt.
12. The injection plug assembly as recited in claim 11, wherein said removable cap has a threaded bore extending axially therein, to permit a tool to be inserted into said cap for safe removal of said cap from said bolt.
13. The injection plug assembly as recited in claim 11, wherein said removable cap has a flanged rim for sealed engagement of said enlarged head on said proximal end of said bolt.

14. A method of introducing a fluid spray into a wall structure, comprising:

drilling a hole into said wall structure;

inserting a collapsable elongated, fingered sleeve into said hole in said wall structure;

threading a hollow elongated delivery bolt into said sleeve;

pinching said wall between a head of said bolt and a finger of said sleeve;

injecting a fluid spray into said hollow elongated delivery bolt for introduction of said spray into said wall structure.

15. The method of claim 14, including:

inserting a removable end cap onto a distal end of said elongated bolt to permit said bolt to push away insulation and wall debris during its being threaded through said sleeve.

16. The method of claim 14, including:

arranging a plurality of radially directed openings on said distal end of said bolt to permit said fluid to be sprayed radially from said distal end of said delivery bolt.